

SEQUENCE LISTING

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YOSHIDA, HIDEAKI

<120> METHOD FOR DETECTING AND ISOLATING GENES

<130> 4001-0001C

<140> 09/816,124

<141> 2001-03-26

<150> PCT/JP97/04126

<151> 1997-11-12

<150> JP 1996-305163

<151> 1996-11-15

<160> 24

<170> PatentIn Ver. 2.1

<210> 1

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 1

ataagctttt cacatgagcg aaaaataca

29

<210> 2

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 2

atggatccct attgtaaccc gctgaagt

29

<210> 3

<211> 38

<212> DNA

<213> Artificial Sequence

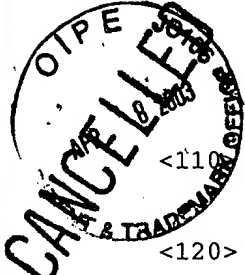
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<223> Description of Artificial Sequence: Synthetic
primer

<400> 3

atgtctcgag aattcagtaa cccaggcatt attttatc

38



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<210> 4
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 4
ttgtcctaga agcttgctgtg ctctgctgtc 30

<210> 5
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 5
cccggccggg 10

<210> 6
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 6
atgagctcag aaccagctgt ggaatg 26

<210> 7
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 7
ctgttctgcg ccgttacaaa accagaaagt taactg 36

<210> 8
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

primer

<400> 8
ttacttctgc tctaaaagct ggcgcgccct gcagt 35

<210> 9
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 9
tcacctaaat cgtatgtgcc agacatgata agatacat 38

<210> 10
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 10
cagttaactt tctggttttg taacggcgca gaacag 36

<210> 11
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 11
actgcagggc ggcgcagctt ttagagcaga agtaa 35

<210> 12
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 12
atgtatctta tcatgtctgg cacatacgat ttaggtga 38

<210> 13
<211> 35

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 13

taggtaccgt cgaccctga acctgaaaca taaaa

35

<210> 14

<211> 88

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Template DNA

<400> 14

ggcgcgccct gcagtctaga gaattccac gaatcaaag gcccgggcca gaagatgcat 60
ggctcgaggc ggccgcaagc ttctatag 88

<210> 15

<211> 78

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Template DNA

<400> 15

cacatacgat ttaggtgaca ctatagaagc ttgcgggcgc ctcgagccat gcatcttctg 60
ggccgggcca tttgattc 78

<210> 16

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 16

atgagctcag aaccagctgt ggaatg

26

<210> 17

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 17

ccgaggcaag cttggcctcg gcctctgcat aaa

33

<210> 18

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 18

cgaggccaag cttgcctcgg cctctgagct att

33

<210> 19

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 19

atggtaccgc ggccgcgtaa cggcgcagaa cagaaaa

37

<210> 20

<211> 634

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA inserted
on pBlue-SRalpha-Hind

<400> 20

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gtccccaggc	tccccagcag	gcagaagtat	gcaaagcatg	catctcaatt	agtcagcaac	180
catagtcccc	cccctaactc	cgcccatccc	gcccctaact	ccgcccagtt	ccgcccattc	240
tccgccccat	ggctgactaa	ttttttttat	ttatgcagag	gccgaggcca	agcttgccctc	300
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cgcgttctgc	cgctccccgc	ctgtgggtgc	tcctgaactg	cgtccgccgt	ctaggtaagt	480
ttaaagctca	ggtcgagacc	gggcctttgt	ccggcgctcc	cttgagacct	acctagactc	540
agccggctct	ccacgctttg	cctgaccctg	cttgctcaac	tctacgtctt	tgtttcgttt	600
tctgttctgc	gccgttacgc	ggccgcggta	ccat			634

<210> 21

<211> 467

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Lac operator
of POPI3

<400> 21

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ttgcaccacc aggagcctca aatttttcaa taaattcacc tgactgcaca ttaggacttt 120
ggctttgagc ttcccacctc tcagttactt gctgaatact gtctgcttca tcaatattat 180
cataggtgtg cccaaatgat atttgcaacc cttccctgtt ggctacttgt ctcaccattg 240
taggcctaata gggagacgga tccgtagttt aacacattat acactagggt cgactgtgga 300
attgtgagcg ctcaacaattc cacaacctag ggtcgactgt ggaattgtga gcgctcacia 360
ttccacaacc tagggctcgac tgtggaattg tgagcgctca caattccaca acctagtaaa 420
ttttatattt accttagagc tttaaatctc tgtaggtagt ttgtcca 467

<210> 22

<211> 467

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Lac operator
of POPI3

<400> 22

agcttggaca aactacctac agagatttaa agctctaagg taaatataaa atttactagg 60
ttgtggaatt gtgagcgctc acaattccac agtcgaccct aggttgtgga attgtgagcg 120
ctcacaattc cacagtcgac cctaggttgt ggaattgtga gcgctcacia ttccacagtc 180
gaccctagtg tataatgtgt taaactacgg atccgtctcc cattaggcct acaatgggtga 240
gacaagtagc caacagggaa gggttgcaaa tatcatttgg gcacacctat gataatattg 300
atgaagcaga cagtattcag caagtaactg agaggtggga agtcaaagc caaagtccta 360
atgtgcagtc aggtgaattt attgaaaaat ttgaggctcc tgggtggtgca aatcaaagaa 420
ctgctcctca gggatcctaa ttgtttgtgt atttttagatt ccaacca 467

<210> 23

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 23

tcgcgattcc cacgaatcaa atggc

25

<210> 24

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 24

tctggcacat acgatttagg t

21